

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A method of removing an organic light-emitting material from defined areas of a substrate comprising the steps of arranging a shadow mask to contact the substrate and overlie the organic material other than in the defined areas, at least one of the mask and the substrate having recesses in its surface facing the other of the mask and the substrate, and applying a beam of ions to the defined areas through the mask.

Claim 2 (original): A method according to claim 1, wherein the organic light-emitting material is polymeric.

Claims 3-13 (canceled).

Claim 14 (currently amended): A method according to claim 13 2, wherein the ions are chemically reactive with the organic material to be etched.

Claim 15 (currently amended): A method according to claim 14 2, wherein the ions are ions of a normally inert gas.

Claim 16 (previously presented): A method according to claim 15, wherein the ions are Argon ions.

Claim 17 (currently amended): A method according to claim 16 2, wherein the step of applying the beam of ions is carried out in a chamber having dimensions, at a pressure at which the mean free path of the ions is greater than or equivalent to the chamber dimensions.

Claim 18 (previously presented): A method according to claim 17, wherein the step of applying the beam of ions is carried out at a pressure less than 5×10^{-4} mbar.

Claim 19 (previously presented): A method according to claim 18, wherein the organic material is formed from an organic layer of an array of organic light emitting diodes on the substrate.

Claim 20 (previously presented): A method according to claim 19, wherein the organic material to be removed covers a bond pad region of the substrate.

Claim 21 (canceled).

Claim 22 (previously presented): A method according to claim 1, wherein the ions are chemically reactive with the organic material to be etched.

Claim 23 (previously presented): A method according to claim 1, wherein the ions are ions of a normally inert gas.

Claim 24 (previously presented): A method according to claim 23, wherein the ions are Argon ions.

Claim 25 (previously presented): A method according to claim 1, wherein the step of applying the beam of ions is carried out in a chamber having dimensions, at a pressure at which the mean free path of the ions is greater than or equivalent to the chamber dimensions.

Claim 26 (previously presented): A method according to claim 1, wherein the step of applying the beam of ions is carried out at a pressure less than 5×10^{-4} mbar.

Claim 27 (previously presented): A method according to claim 1, wherein the organic material is formed from an organic layer of an array of organic light emitting diodes on the substrate.

Claim 28 (previously presented): A method according to claim 27, further comprising the step of removing organic material from a least one organic light emitting diode pixel of the array of organic light emitting diodes.

Claim 29 (previously presented): A method according to claim 1, wherein the organic material to be removed covers a bond pad region of the substrate.

Claim 30 (previously presented): A method according to claim 1, further comprising the step of using the beam of ions to remove a layer of electrically conducting polymeric material in the defined areas.

Claim 31 (new): A method according to claim 1, wherein said mask does not contact said organic material where said mask overlies said organic material at locations corresponding to said recesses to avoid scraping or gouging of said organic material at said locations.

Claim 32 (new): A method according to claim 31, wherein said recesses are formed in the surface of said mask.